

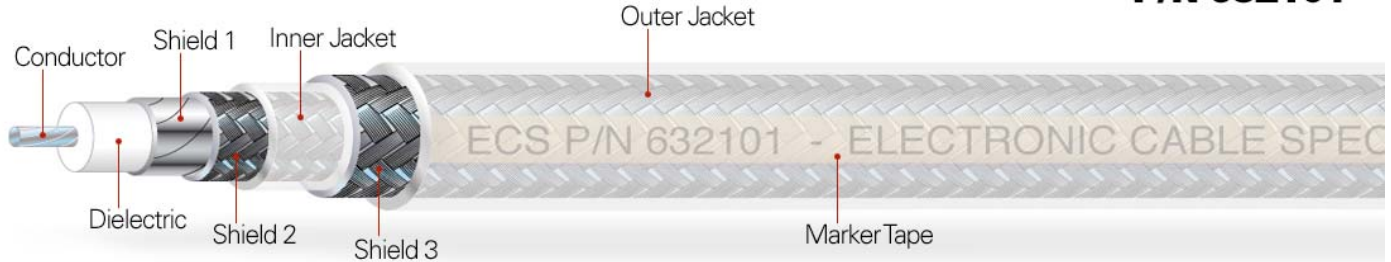


"Providing complete avionics installation provisions and support for the Aerospace industry since 1984."



50 Ohm Triaxial Cable

P/N 632101



Conductor: 20 AWG stranded silver plated copper
Dielectric: High temperature fluoropolymer
Shield 1: Aluminum tape
Shield 2: Tin plated copper braid
Inner Jacket: White high temperature fluoropolymer
Shield 3: Tin plated copper braid
Outer Jacket: White high temperature fluoropolymer (laser markable)

Physical Characteristics

Outer Diameter: 0.171 inches nominal
Bend Radius: 0.855 inches nominal
Weight: 2.9 lbs/100 feet nominal
Temperature Range: -55° to +200° C
Skydrol Resistant: Yes

Electrical Characteristics

Impedance: 50.0 Ohms nominal
Capacitance: 26.0 pF/ft nominal
DC Resistance: 9.6 Ohms/1000 ft nominal
Time Delay: 1.34 ns/ft nominal
Attenuation: 10 MHz 2.00 dB/100 ft; (nominal)
 400 MHz 8.5 dB/100 ft;
 1000 MHz 14.0 dB/100 ft

Environmental:

- ECS avionics cables are designed to meet, or exceed, burn requirements as set forth in Federal Aviation Regulations 14 CFR Part 25.869(a)(4) Amdt 25-113, Appendix F Part I(a)(3).
- They are manufactured with materials which, when subjected to flames or high temperatures, will not outgas deadly hydrogen chloride produced by conventional PVC cables.

Connector Types for Cable 632101

Connector Type	Connector P/N	Connector Type	Connector P/N	Connector Type	Connector P/N
BNC Straight	N/A	F Straight	N/A	ARINC 404 Size 9	N/A
BNC 90°	N/A	F 90°	N/A	D-SUB #8 Socket	N/A
BNC Bulkhead	N/A	ARINC 600 Size 5	N/A	D-SUB #8 Pin	N/A
TNC Straight	N/A	ARINC 600 Size 8	N/A	TRB Triax Plug	PL75-60
SMA 90°	N/A				

Cage Code: 66197 • **Issue Date:** 5/1/07

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